INTERNATIONAL-SEARCH REPORT

10/536838 Inte**Rec** d 107/810 31 MAY 2005

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B27/036

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

.5

Minimum documentation searched (classification system followed by classification symbols) IPC $\,7\,$ G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.							
US 6 157 771 A (PALFREYMAN ANDREW ET AL) 5 December 2000 (2000-12-05)	1-3,9-11							
abstract column 1, line 38 -column 4, line 42 column 10, line 5 -column 17, line 15 figures 3-8	4,6,8, 12,14,16							
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-& US 6 643 326 B1 4 November 2003 (2003-11-04) abstract column 4, line 5 -column 6, line 44	14-16							
figures 4,5,10-13/								
	US 6 157 771 A (PALFREYMAN ANDREW ET AL) 5 December 2000 (2000-12-05) abstract column 1, line 38 -column 4, line 42 column 10, line 5 -column 17, line 15 figures 3-8 JP 2000 138930 A (OKI ELECTRIC IND CO LTD) 16 May 2000 (2000-05-16) -& US 6 643 326 B1 4 November 2003 (2003-11-04) abstract column 4, line 5 -column 6, line 44 column 9, line 15 -column 12, line 67 figures 4,5,10-13							

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Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 		
Date of the actual completion of the international search 28 January 2004	Date of mailing of the International search report 11/02/2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Sucher, R		

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Y	US 2002/135607 A1 (KATO MOTOKI ET AL) 26 September 2002 (2002-09-26) abstract paragraph '0211! - paragraph '0218! paragraph '0357! - paragraph '0359! figures 63-66	4,7,8, 12,15,16		
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